

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



30827

PATENT TRADEMARK OFFICE

IN RE APPLICATION: Yun-Bok LEE

GROUP ART UNIT: 2871

SERIAL NUMBER: 10/080,573

EXAMINER: TBA

FILED: February 25, 2002

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FOR: **ARRAY SUBSTRATE FOR IN-PLANE SWITCHING MODE LIQUID CRYSTAL DISPLAY DEVICE AND MANUFACTURING METHOD THEREOF**



INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97



Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant(s) wish to disclose the following information.

REFERENCES

The Applicant(s) wish to make of record the references listed on the attached Form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

A check is attached in the amount required under 37 CFR § 1.17(p).

RELATED CASES

Attached is a list of applicant's pending applications or issued patents which may be related to the present application. A copy of the patent(s) is attached along with PTO 1449.

A check is attached in the amount required under 37 CFR § 1.17(p).

CERTIFICATION

The undersigned certifies that

each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

PETITION

Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR § 1.17(i)(1).

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account No. 50-0911. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

LONG, ALDRIDGE & NORMAN LLP

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March 28, 2002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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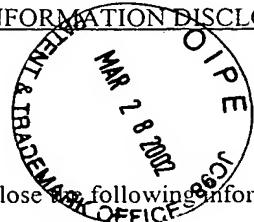
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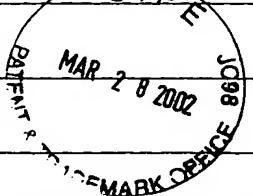
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APPLICANT
(Use Several Sheets if Necessary)Date: March 25, 2002Attorney Docket No.
8733.594.00Application No.
10/080,573

		Applicant Yun-Bok LEE					
		Filing Date February 25, 2002				Group 2871	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	5,598,285	1/1997	Kondo et al.	349	39	September 20, 1993	
	5,838,037	11/1998	Masutani et al.	257	296	May 19, 1997	
	5,946,060	8/1999	Nishiki et al.	349	48	June 3, 1997	
	5,990,987	11/1999	Tanaka	349	43	November 17, 1998	
	6,028,653	2/2000	Nishida	349	141	June 19, 1997	
	6,097,454	8/2000	Zhang et al.	349	43	June 29, 1999	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
	JP 09-005764	1/1997	Japan	Abstract	
	JP 09-073101	3/1997	Japan	Abstract	
	JP 09-105908	4/1997	Japan	Abstract	
	JP 09-101538	4/1997	Japan	Abstract	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	R. Kiefer et al.; "In-Plane Switching of Nematic Liquid Crystals"; Japan Display '92; pages 547-550
	M. Oh-e, et al.; "Principles and Characteristics of Electro-Optical Behaviour with In-Plane Switching Mode"; Asia Display '95; pages 577-580
	M. Ohta et al.; "Development of Super-TFT-LCDs with In-Plane Switching Display Mode"; Asia Display '95; pages 707-710
	S. Matsumoto et al.; "Display Characteristics of In-Plane Switching (IPS) LCDs and a Wide-Viewing-Angle 14.5-in. IPS TFT-LCD"; Euro Display '96; pages 445-448
	H. Wakemoto et al.; "An Advanced In-Plane Switching Mode TFT-LCD"; SID 97 Digest; pages 929-932
	S.H. Lee et al.; "High-Transmittance, Wide-Viewing-Angle Nematic Liquid Crystal Display Controlled by Fringe-Field Switching"; Asia Display '98; pages 371-374

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**English-language abstract provided.